

Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/009,837	
			Filing Date	1/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Langel	
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OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
WAL		ABELÈS, Ed., Chapter 9, "Structure of Trapped Electron and Trapped Hole Centers in Alkali Halides 'Color Centers'", <i>Optical Properties of Solids</i> , 1972, pp. 718-754, North-Holland Publishing Company, Amsterdam, (no month)	
WAL		DELBECQ <i>et al.</i> , "Pragmatic Resonance Investigation of Irradiated KCl Crystals Containing U-Centers", <i>Phys. Rev.</i> , Nov. 1, 1956, <b>104</b> , pp. 599-604	
WAL		DÖTSCH <i>et al.</i> , "Localized Vibrations of H <sup>+</sup> and D <sup>+</sup> Ions in NaF and LiF", <i>Solid States Communications</i> , 1965, <b>3</b> , pp. 297-298, (no month)	
WAL		RAUCH <i>et al.</i> , "Some F-Band Optical Oscillator Strengths in Additively Colored Alkali Halides", <i>Physical Review</i> , Feb. 1, 1957, <b>105</b> , pp. 914-920	
WAL		FISCHER <i>et al.</i> , "Sh <sup>-</sup> , S <sup>-</sup> Und S <sup>-</sup> -Zentren In KC1-Kristallen", <i>Physics Letters</i> , Oct. 27, 1964, <b>13</b> , pp. 113-114	
WAL	1	FRIED <i>et al.</i> , "Solution for the Two-Electron Correlation Function in a Plasma", <i>The Physical Review</i> , Apr. 1, 1961, <b>122</b> , pp. 1-8	
WAL		ALGER <i>et al.</i> , "F Centers in Pure and Hydride-Containing Alkali Halide Crystals", <i>Physical Review</i> , Jan. 15, 1955, <b>97</b> , pp. 277-287	
WAL		SCHEARER <i>et al.</i> , "Microwave Saturation of Paraelectric-Resonance Transitions of OH <sup>-</sup> Ions in KCl:", <i>Solid State Communications</i> , 1966, <b>4</b> , pp. 639-642, (no month)	
WAL		KERKHOFF <i>et al.</i> , "Elektronenspin-Resonanz und Photochemie des U <sub>2</sub> -Zentrums in Alkalihalogenid-Kristallen", <i>Zeitschrift für Physik</i> , 1963, <b>173</b> , pp. 184-202, (no month)	
WAL		KERKHOFF, "Zum photochemischen Verhalten sauerstoffhaltiger Komplexe in Alkalihalogenidkristallen", <i>Zeitschrift für Physik</i> , 1960 <b>158</b> , pp. 595-606, (no month)	

Examiner Signature	WAYNE A. LANGEL	Date Considered	2-19-02
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WAL		FISCHER, "Die optische Absorption der U <sub>2</sub> -Zentren in Alkalihalogeniden des BaCl-Typs", <i>Zeitschrift für Physik</i> , 1967, 204, pp. 351-374. (no month)	
WAL		MARTIENSSEN, "Photochemische Vorgänge in Alkalihalogenidkristallen", <i>Zeitschrift für Physik</i> , 1952, 131, pp. 488-504. (no month)	
WAL		THOMAS, "Zur Photocjemie des KH-KBr-Mischjristalles", <i>Annalen der Physik.</i> , 1940, 38, pp. 601-608. (no month)	
WAL		HILSCH, "Über die Diffusion und Reaktion von Wassestoff in KBr-Kristallen", <i>Annalen der Physik.</i> , 1937, 40, pp. 407-420. (no month)	
WAL		V. LÜPKE, "Über Sensibilisierung der photochemischen Wirkung in Alkalihalogenidkristallen", <i>Annalen der Physik.</i> , 1934, 21, pp. 1-14. (no month)	
WAL		BÄUERLE et al., "Infared Vinrational Absorption by U-Centers in NaI", <i>Phys. Stat. Sol.</i> , 1967, 24, pp. 207-215. (no month)	
WAL		FRITZ et al, "Infared Absorption and Anharmonicity of the U-Centre Local Mode", <i>Phys. Stat. Sol.</i> , 1965, 11, pp. 231-239, (no month)	
WAL		KLEINSCHROD, "Photochemische Zersetzung von KH und KD in KBr-Kristallen", <i>Ausgegeben</i> , Jan, 5, 1939, pp. 143-148	
WAL		HILSCH, "Eine neue Lichtabsorption in Alkalihalogenidkristallen", <i>Fachgruppe II</i> , pp. 322-328. (no date)	
WAL		FRITZ, "Anionlücken und Zwischengitterionen in Alkalihalogenid-Alkalihydrid-Mischkristallen", <i>J. Phys. Chem. Solids</i> , 1962, 23, pp. 375-394, Pergamon Press, Great Britain, (no month)	

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WAL		SCHAEFER, "Das Ultrarote Spektrum Des U-Zentrums", <i>Phys. Chem. Solids</i> , 1960, 12, pp. 233-244, Pergamon Press, Great Britain, (no month)	
WAL		LÜTY, "Über Die Natur Der V <sub>3</sub> -Zentren In Strahlungsverfärbtem KCCI", <i>J. Phys. Chem. Solids</i> , 1962, 23, pp. 677-681, Pergamon Press, Great Britain, (no month)	

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WAL		H. Conrads, R. Mills, Th. Wrubel, "Emission in the Deep Vacuum Ultraviolet from an Incandescently Driven Plasma in a Potassium Carbonate Cell", Plasma Sources Science and Technology, submitted. (no date)	
WAL		R. L. Mills, P. Ray, "Stationary Inverted Lyman Population Formed from Incandescently Heated Hydrogen Gas with Certain Catalysts", Chem. Phys. Letts., submitted. (no date)	
WAL		R. L. Mills, B. Dhandapani, J. He, "Synthesis and Characterization of a Highly Stable Amorphous Silicon Hydride", Int. J. Hydrogen Energy, submitted. (no date)	
WAL		R. L. Mills, A. Voigt, B. Dhandapani, J. He, "Synthesis and Characterization of Lithium Chloro Hydride", Int. J. Hydrogen Energy, submitted. (no date)	
WAL		R. L. Mills, P. Ray, "Substantial Changes in the Characteristics of a Microwave Plasma Due to Combining Argon and Hydrogen", New Journal of Physics, submitted. (no date)	
WAL		R. L. Mills, P. Ray, "High Resolution Spectroscopic Observation of the Bound-Free Hyperfine Levels of a Novel Hydride Ion Corresponding to a Fractional Rydberg State of Atomic Hydrogen", Int. J. Hydrogen Energy, in press. (no date)	
WAL		R. L. Mills, E. Dayalan, "Novel Alkali and Alkaline Earth Hydrides for High Voltage and High Energy Density Batteries", Proceedings of the 17 <sup>th</sup> Annual Battery Conference on Applications and Advances, California State University, Long Beach, CA, (January 15-18, 2002), in press.	
WAL		R. Mayo, R. Mills, M. Nansteel, "On the Potential of Direct and MHD Conversion of Power from a Novel Plasma Source to Electricity for Microdistributed Power Applications", IEEE Transactions on Plasma Science, submitted. (no date)	

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WAL		R. Mills, E. Dayalan, P. Ray, B. Dhandapani, J. He, "Highly Stable Novel Inorganic Hydrides from Aqueous Electrolysis and Plasma Electrolysis", Japanese Journal of Applied Physics, submitted. (no date)	
WAL		R. L. Mills, P. Ray, B. Dhandapani, J. He, "Comparison of Excessive Balmer Line Broadening of Glow Discharge and Microwave Hydrogen Plasmas with Certain Catalysts", Chem. Phys., submitted. (no date)	
WAL		R. L. Mills, P. Ray, B. Dhandapani, J. He, "Spectroscopic Identification of Fractional Rydberg States of Atomic Hydrogen", J. of Phys. Chem. (letter), submitted. (date)	
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WAL		R. L. Mills, P. Ray, B. Dhandapani, M. Nansteel, X. Chen, J. He, "Spectroscopic Identification of Transitions of Fractional Rydberg States of Atomic Hydrogen", Quantitative Spectroscopy and Energy Transfer, submitted. (no date)	
WAL		R. L. Mills, P. Ray, B. Dhandapani, M. Nansteel, X. Chen, J. He, "New Power Source from Fractional Quantum Energy Levels of Atomic Hydrogen that Surpasses Internal Combustion", Spectrochimica Acta, Part A, submitted. (no date)	
WAL		R. L. Mills, P. Ray, "Spectroscopic Identification of a Novel Catalytic Reaction of Rubidium Ion with Atomic Hydrogen and the Hydride Ion Product", Int. J. Hydrogen Energy, in press. (no date)	

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WAL		R. L. Mills, A. Voigt, P. Ray, M. Nansteel, B. Dhandapani, "Measurement of Hydrogen Balmer Line Broadening and Thermal Power Balances of Noble Gas-Hydrogen Discharge Plasmas", Int. J. Hydrogen Energy, in press. <i>(no date)</i>	
WAL		R. Mills, P. Ray, "Vibrational Spectral Emission of Fractional-Principal-Quantum-Energy-Level Hydrogen Molecular Ion", Int. J. Hydrogen Energy, in press. <i>(no date)</i>	
WAL		R. Mills, P. Ray, "Spectral Emission of Fractional Quantum Energy Levels of Atomic Hydrogen from a Helium-Hydrogen Plasma and the Implications for Dark Matter", Int. J. Hydrogen Energy, Vol. 27, No. 3, (2002) pp. 301-322. <i>(no month)</i>	
WAL		R. Mills, P. Ray, "Spectroscopic Identification of a Novel Catalytic Reaction of Potassium and Atomic Hydrogen and the Hydride Ion Product", Int. J. Hydrogen Energy, Vol. 27, No. 2, (2002), pp. 183-192. <i>(no month)</i>	
WAL		R. Mills, "BlackLight Power Technology-A New Clean Hydrogen Energy Source with the Potential for Direct Conversion to Electricity", Proceedings of the National Hydrogen Association, 12 th Annual U.S. Hydrogen Meeting and Exposition, <i>Hydrogen: The Common Thread</i> , The Washington Hilton and Towers, Washington DC, (March 6-8, 2001), pp. 671-697.	
WAL		Keith Keefer, Ph.D., "Interim Report on BlackLight Power Technology: Its Apparent Scientific Basis, State of Development and Suitability for Commercialization by Liebert Corporation." <i>(no date)</i>	
WAL		R. Mills, "The Grand Unified Theory of Classical Quantum Mechanics," (2001), Distributed by Amazon.Com. <i>(no month)</i>	

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